NEC X551UN

55" ultra-narrow, professional-grade LCD display ideal for video wall applications

Transform your video walls with the immaculate high definition of the 55" NEC X551UN. Direct LED backlighting attributes to reduced power consumption and improved edge-to-edge brightness uniformity, while a mere 5.5mm separates active screen areas between neighboring displays to ensure a smooth transition from screen-to-screen in video wall matrices. This display is ideal for digital signage, boardrooms, entrance lobbies and broadcast applications, and can be deployed in video wall applications up to 10 x 10 in size.

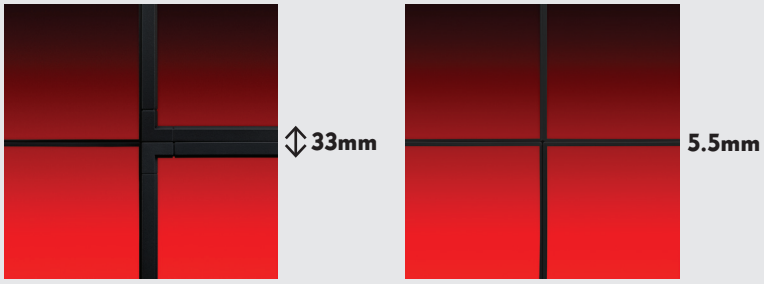
- **LED direct backlighting source** allows even distribution of light across the panel, resulting in improved uniformity from bezel-to-bezel
- **Professional-grade LCD panel and components** meet even the most formidable digital signage industry requirements
- **1920 x 1080 full HD resolution** allows for crisper, more lifelike imaging
- **Ground-breaking ultra-narrow bezel** of 5.5mm (screen-to-screen) creates a nearly seamless video wall
- **TileMatrix™ technology** enables video walls (up to 100 displays in a 10x10 matrix)
- **Digital loop through** includes DVI-D (with HDCP) and DisplayPort
- **Simple Network Management Protocol** standards are met for controlling the display through LAN
- **Built-in expansion slot** allows for seamless integration of NEC-branded option cards as well as Intel's Open Pluggable Specification (OPS)-certified cards
- **Optional color calibration solution** ensures color uniformity and fidelity across individual and multiple screens, creating a perfectly matched image in tiled environments
- **Ethernet Control and Communication** provides the highest level of remote display management and includes such features as automatic email notification for diagnostic purposes
- **Carbon footprint meter** informs and motivates responsible use of the display by calculating and tracking carbon savings
- **Rapid Response™ technology** delivers virtually uninterrupted, undistorted viewing of high-speed, full-motion video
- **Diverse input connectors** allows for maximum compatibility and flexibility during product implementation
- **Optional wall mount and bezel kit** simplifies your installation and enhances the aesthetics of your video wall

Specifications for X551UN

Model	**X551UN**
LCD MODULE	
Viewable Size (Diagonal)	55"
Panel Technology	SPVA
Native Resolution	1920 x 1080
Pixel Pitch	0.63mm
Brightness (typical)	500 cd/m² (700 cd/m² max.)
Contrast Ratio (typical)	4000:1
Active Screen Area (W X H)	47.6 x 26.8 in. / 1209.6 x 680.4mm
CONNECTIVITY	
Input Terminals	
Digital	DisplayPort, HDMI, DVI-D
Analog	15-pin D-sub, 5BNC (RGBHV, DVD/HD or Video), BNC Composite, S-Video
Audio	RCA Audio, DisplayPort Audio, HDMI Audio, Stereo Mini-Jack In x 2
External Control	RS-232, RJ-45 LAN, DDC/CI, IR Remote
Output Terminals	
Digital	DisplayPort, DVI-D
Analog	BNC Composite
Audio	Stereo Mini-Jack
External Control	RS-232, IR Remote
FEATURES	
Additional Features	Ultra-narrow bezel; Advanced thermal capabilities; Advanced cooling system; Sealed panel design; Thin bezel; TileMatrix (10x10); TileComp; Separate group/Monitor ID function; CableComp+ ; Ethernet Control and Communication; RS-232 Control and Communication; Landscape/portrait capable; Carbon footprint meter; Plug and Play (DDC/CI, DDC2B); Scheduler (w/ real-time clock); Sharpness/softness adjustment; Screen saver function; Ambient light sensor (AmbiBright); 6-axis color adjustment; Metal rear cabinet; POP; Side-by-Side; Kensington lock; Handles; Variable picture modes; Advanced video settings (Noise Reduction, Adaptive Contrast); Input labeling; Backlight adjust; Aspect ratio control; Built-in speakers; 10-bit color over HDMI; OPS/Expansion slot; LED Direct-lit Backlighting
POWER	
Power Requirements	4.1A @ 100-120V AC; 1.65A @ 220-240V AC
Power Consumption (typical)	190W
Power Consumption - ECO Standby	< 1W
PHYSICAL SPECIFICATIONS	
Bezel Width (L/R, T/B)	0.15 in./0.07 in., 0.15 in./0.07 in. ; 3.7mm/1.8mm, 3.7mm/1.8mm
Dimensions (without stand; WxHxD)	47.8 x 27 x 5 in. /
Packaging Dimensions (WxHxD)	TBD
Net Weight (without stand)	TBD
Gross Weight (without pallet)	TBD
VESA Hole Configuration	400 x 400mm (4 hole)
ENVIRONMENTAL CONDITIONS	
Operating Temperature	5° - 40°C / 41° - 104°F
Operating Humidity	20 - 80% (without condensation)
ACCESSORIES	
Included	Power cord, VGA 15-pin cable, remote control cable, CD-ROM, cable cover, thumbscrew x 2, screw x 5, clamp x 3, eyebolt x 2
Optional	Remote/Ambient Control Kit (KT-RC), Over-Frame Kit (KT-55UN-OF), Display Wall Calibrator Kit (KT-46UN-CC), Wall mount (landscape - WM-55UN-L; portrait - WM-55UN-P), Wall mount (WMK-3257), HD-SDI Expansion Board (SB-L007KK), Single Board Computer (NET-SBC-01/02/03), IPTV Tuner (MPD-DTi), stand (ST-5220), External computer (TNETPC-ION)
WARRANTY/SERVICE	
Limited Warranty	3 years parts and labor, including backlight

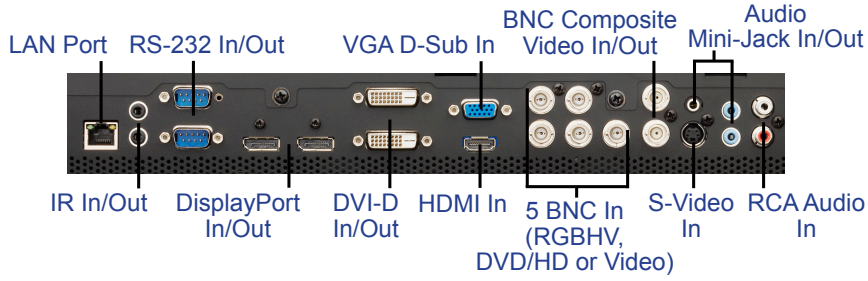
Image Gap Comparison

NEC P551 **NEC X551UN**



The X551UN's ultra-narrow bezel allows for a screen-to-screen distance between two neighboring displays of only 5.5mm, close to 450% improvement compared to its previously revolutionary 33mm P Series displays.

The X551UN supports Intel's Open Pluggable Specification (OPS), the first industry-wide standardization in option slots, simplifying installation, use and maintenance of digital signage.



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